

ABSTRACT OF THE DISCLOSURE

An adaptive equalizing circuit is used for a playback apparatus which does not perform tracking control. A playback signal supplied to an input terminal is supplied to a plurality of unit delay devices which are connected in series, and the signals at the input ends and the output ends are supplied to weighting devices, respectively. Furthermore, the playback signal supplied to the input terminal is supplied to a computation circuit, whereby weighting coefficients are determined. Then, each weighting is performed on the signals from unit delay devices, and these signals are added together by an adder so that the equalization of the playback signal is performed, and the signal is extracted from an output terminal. At the same time, in the computation circuit, only when the envelope value of the playback signal is more than or equal to a predetermined value and the phase lock for the playback signal has been performed, control is performed so that the calculation of the weighting coefficients is performed, and the coefficients of the weighting devices are changed in accordance with the determined weighting coefficients.